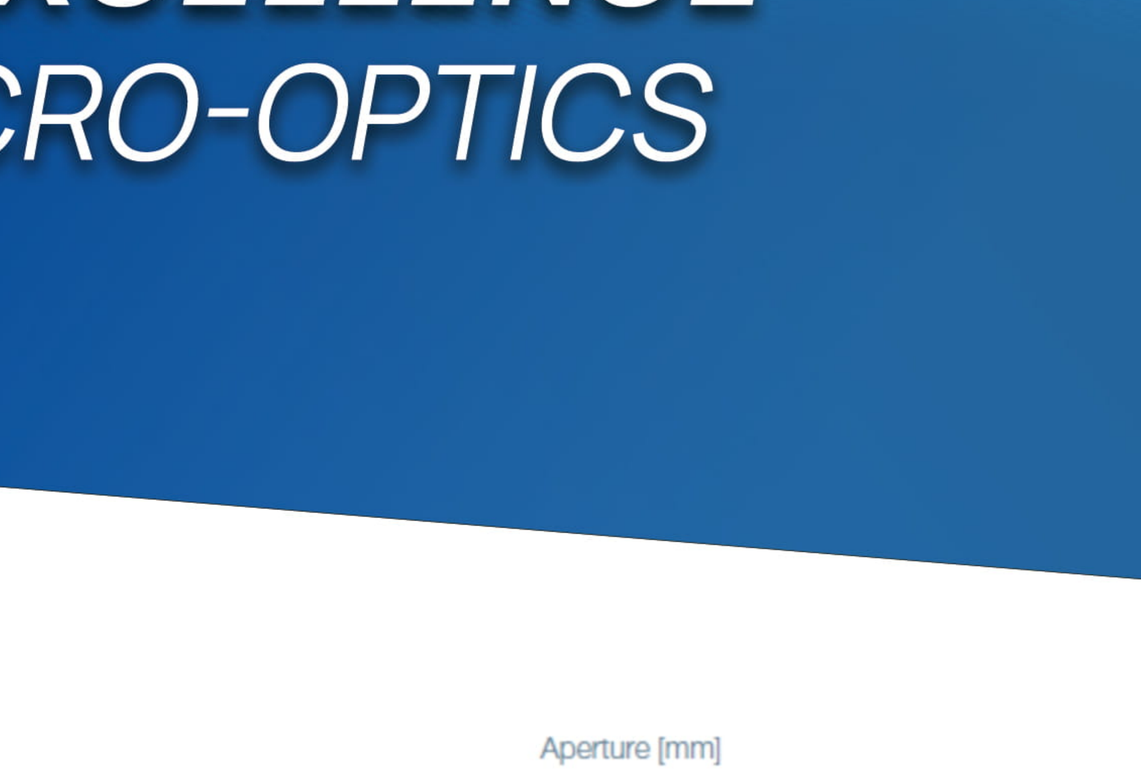
FOCUSLIGHT
Never stop exploring

Focuslight produces optical components on a wafer base. Up to several thousand lenses are manufactured in a single unit, which allows mass production at an unsurpassed level of quality. Our lenses are exclusively produced with high-grade glass and crystals for a long service life and maximum laser output.

BEAM SHAPING EXCELLENCE WAFER-BASED MICRO-OPTICS PRODUCTION

FREE-FORM MICRO-OPTICS

- Precision aspheres with high NAs
- Acylindrical lenses offer best optical performance for both axes
- Cost-effective wafer production (up to 350 mm)
- Easy to integrate
- Virtually any kind of optical material



Examples of lens shapes

Micro-optics for Diode Laser Single Emitters, Bars or Stacks

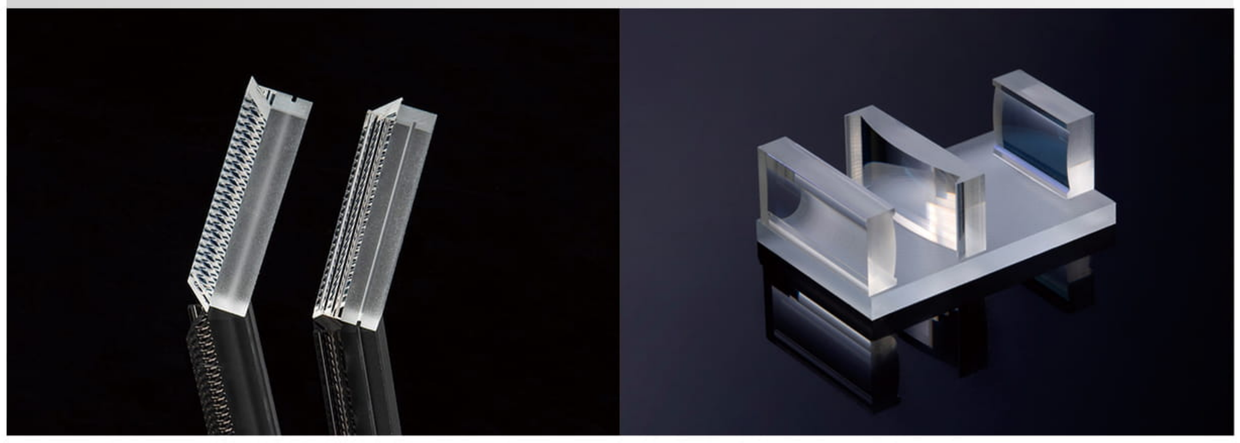
BENEFITS

- Compact design
- Highest brightness
- Pre-aligned subassemblies available from 400 nm to 2400 nm

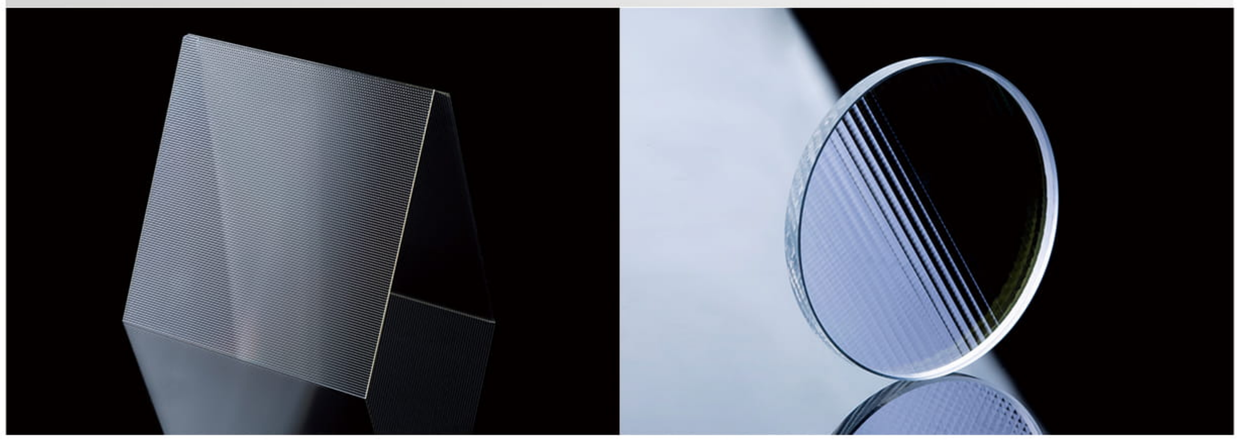
CONTRACT ASSEMBLY AND OTHER SERVICES

Focuslight offers a full range of support services for complete OEM diode laser modules or subassemblies, ranging from design, engineering and prototyping to series production. In particular, this includes the made-to-order assembly of micro-optics on customer laser diodes.

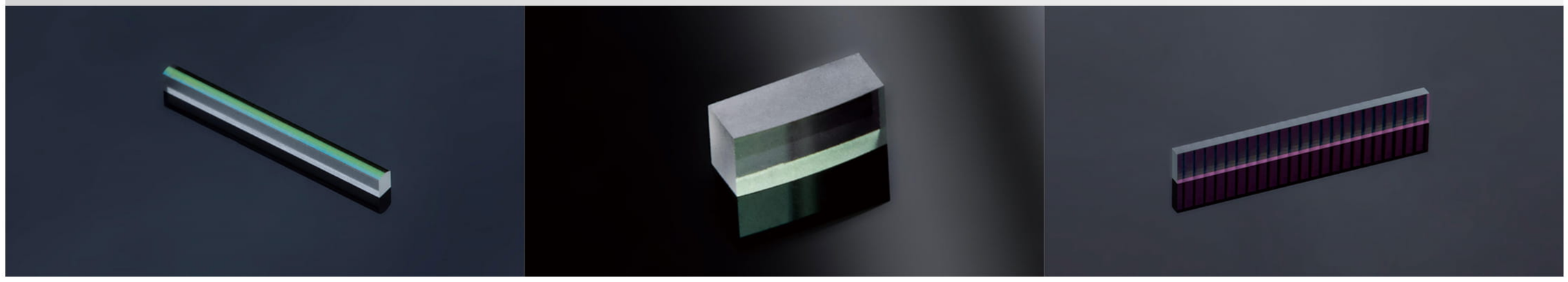
BTS / BTS-HOC for high-power bars



Microlens arrays / homogenizers



FAC and SAC lenses/arrays



Collimator & monolithic fiber coupler for single emitters and mini-bars

COMPANY INTRODUCTION

Founded in 2007 and headquartered in Xi'an, China, Focuslight Technologies is a fast-growing company that develops and manufactures high power diode lasers (photon generation), laser optics (photon control), and photonic modules and systems (application solutions, including LiDAR transmitter modules and UV-L optical systems) used in advanced manufacturing, health, research, automotive, and consumer electronics industries. Focuslight has over 400 patents worldwide and is ISO 14001, ISO 45001, ISO 9001:2015, and IATF 16949 certified. Additional information can be found at www.focuslight.com.

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